

Message

Sent: 8/20/2019 5:56:50 PM
To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
Subject: RE: PFAS for study

Hi Mark,

Thanks much for the information. I placed a copy of the email in my folder that contains the PFAS work. We'll see where the Lab is heading

From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Tuesday, August 20, 2019 8:15 AM
To: Chernoff, Neil <Chernoff.Neil@epa.gov>
Cc: McCord, James <mccord.james@epa.gov>
Subject: PFAS for study

Neil,

See slide 21 for what we found in the human serum. Other than Nafion BP2 and the PFO5DoDA you already mentioned the other two are Hydro EVE and PFO4DA. Here is a link to the study <https://chhe.research.ncsu.edu/wordpress/wp-content/uploads/2018/11/Community-event-BLOOD-slides.pdf>

Here is a link to the other two chemicals if we can get them synthesized, that would be good to study.

PFO4DA <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID90723993>

Hydro EVE <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID60904459#details>

The only other one I think could be studied that we regularly find at higher levels in water is a chemical called NVHOS. I expect it would be a lot like PFBS in toxicology (cleared quickly, likely limited toxicity) however I don't think we know anything about it. <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID80904754>

Mark

Dr. Mark J. Strynar
Physical Scientist
US EPA
National Exposure Research Laboratory
919-541-3706
Strynar.mark@epa.gov